

(12) **UK Patent Application** (19) **GB** (11) **2 368 064** (13) **A**

(43) Date of A Publication 24.04.2002

(21) Application No 0101124.6

(22) Date of Filing 16.01.2001

(30) Priority Data

(31) 60237079 (32) 30.09.2000 (33) US

(71) Applicant(s)

Elizabeth Barber
60 Barons Keep, Gliddon Road, LONDON, W14 8AU,
United Kingdom

(72) Inventor(s)

Elizabeth Barber

(74) Agent and/or Address for Service

Elizabeth Barber
60 Barons Keep, Gliddon Road, LONDON, W14 8AU,
United Kingdom

(51) INT CL⁷

C12N 15/12, A61K 48/00, C07K 7/08

(52) UK CL (Edition T)

C3H HB7P HB7V

(56) Documents Cited

EMBL Sequence Database Acc. No. AW385154
(6/2/00)

EMBL Sequence Database Acc. No. AC006061

(27/11/98)

Proc. Natl. Acad. Sci. USA 1992, 89, pp.5346-5350 -
Lederfein et al.

(58) Field of Search

Online: CAS-ONLINE

(54) Abstract Title

DNA element and associated protein

(57) Regulatory proteins and peptides that can interact with human CD33 protein are provided, together with nucleic acids encoding them. In particular SEQ ID No 1 is a cDNA sequence identified as an important regulatory element. Functional equivalents of that sequence have homology with part or all of human dystrophin inverted in comparison to the dystrophin gene sequence. The invention is of use in gene therapy, especially for diseases involving gene truncation.